

BEST AVAILABLE COPY**PRODUCTION OF POLYESTER**

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Abstract of JP62161827

PURPOSE: To obtain a polyester having uniform quality and exhibiting extremely high electrostatic stickiness, by measuring initial accumulated electrical charge of a polymer prior to the discharging step and rapidly controlling the amount of additive such as a metallic compound. **CONSTITUTION:** In the production of a polyester containing a P compound and a compound selected from an alkali or alkaline earth metal and a Mn compound, the initial accumulated electrical charge of a molten prepolymer or polymer is measured in a stage after the completion of the initial polycondensation reaction and before the final discharge of the polymer and the measured value is fed back to a system for the addition of said metallic compound and/or P compound to keep the initial accumulated electrical charge within a definite range. The initial accumulated electrical charge can be determined by intermittently extracting a molten prepolymer or polymer through an extraction tube attached to a reactor or a piping and introducing the prepolymer or polymer to a flow cell.

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